

# DART SERVICE INSTRUCTION

## TO AMEND INSTALLATION INSTRUCTIONS D350-591 REV. G AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-591 REV. 3

REF TCCA STC: SH92-6  
REF FAA STC: SH967NE

### 1.0 Purpose

It has come to DART's attention that it may be difficult to fasten the D350-591-133 Aft Maintenance Step and D350-591-213/-214 Heli-Access-Step Installations to the forward crosstube due to variations between crosstubes. For this reason, DART is adding the D3338-1 Mounting Lug to the D350-591-133 Aft Maintenance Step and D350-591-213/-214 Heli-Access-Step Kits at CHG 004 and later.

For D350-591-133 Aft Maintenance Step and D350-591-213/-214 Heli-Access-Step Kits at CHG 003 and earlier, DSI 9712-011 Mounting Lug Kit can be procured from DART. The kit contains all parts to upgrade a single step kit.

### 2.0 Installation

- 2.1 It is acceptable to install the D3338-1 Mounting Lug in lieu of the D2230-1 Mounting Lug as required to reduce the gap between step and the forward crosstube in accordance with the figures of this service instruction.
- 2.2 The height to set up the D350-591-133 Maintenance Step has been revised from 7.0in to 6.0in  $\pm 1.0$ in to provide more flexibility. See sheet 2 of this service instruction.
- 2.3 In all other respects, install the D350-591-133 Aft Maintenance Step and D350-591-213/-214 Heli-Access-Steps in accordance with Section 3.1 of Installation Instructions D350-591 or Section 32.1 of Instructions for Continued Airworthiness ICA-D350-591.

### 3.0 Parts List Change

The following additional part is provided with D350-591-133 Aft Maintenance Step and D350-591-213/-214 Heli-Access-Steps at CHG 004:

Qty -133	Qty -213	Qty -214	Part Number	Description
X			D350-591-133	Heli-Access-Step™, Aft Maintenance Step
	X		D350-591-213	Heli-Access-Step™, Short Step – High Skid, LH
		X	D350-591-214	Heli-Access-Step™, Short Step – High Skid, RH
1	1	1	D3338-1	MOUNTING LUG (ADD)

### 4.0 DSI 9712-011 Mounting Lug Kit Parts List

For existing D350-591-133 Aft Maintenance Steps and D350-591-213/-214 Heli-Access-Steps at CHG 003 or earlier, one DSI 9712-011 kit upgrades one step installation:

Qty -011	Part Number	Description
X	DSI 9712-011	Mounting Lug Kit
1	D3338-1	MOUNTING LUG

### 5.0 Weight and Balance






There is a negligible weight change associated with this modification.

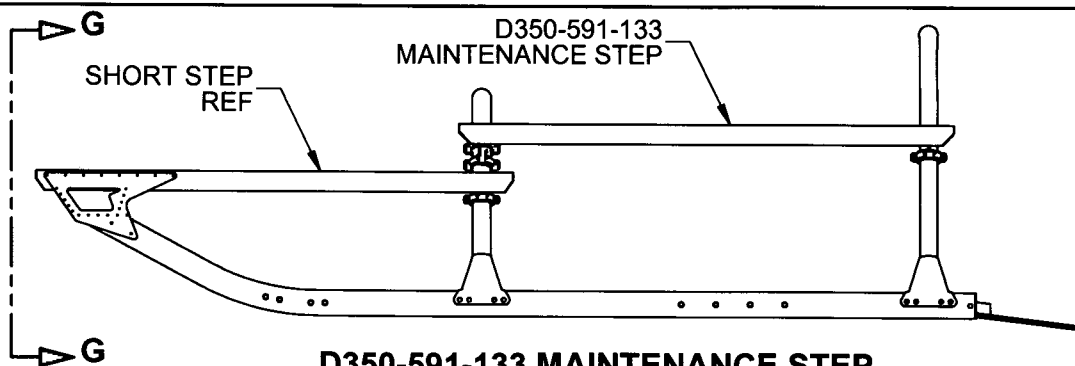
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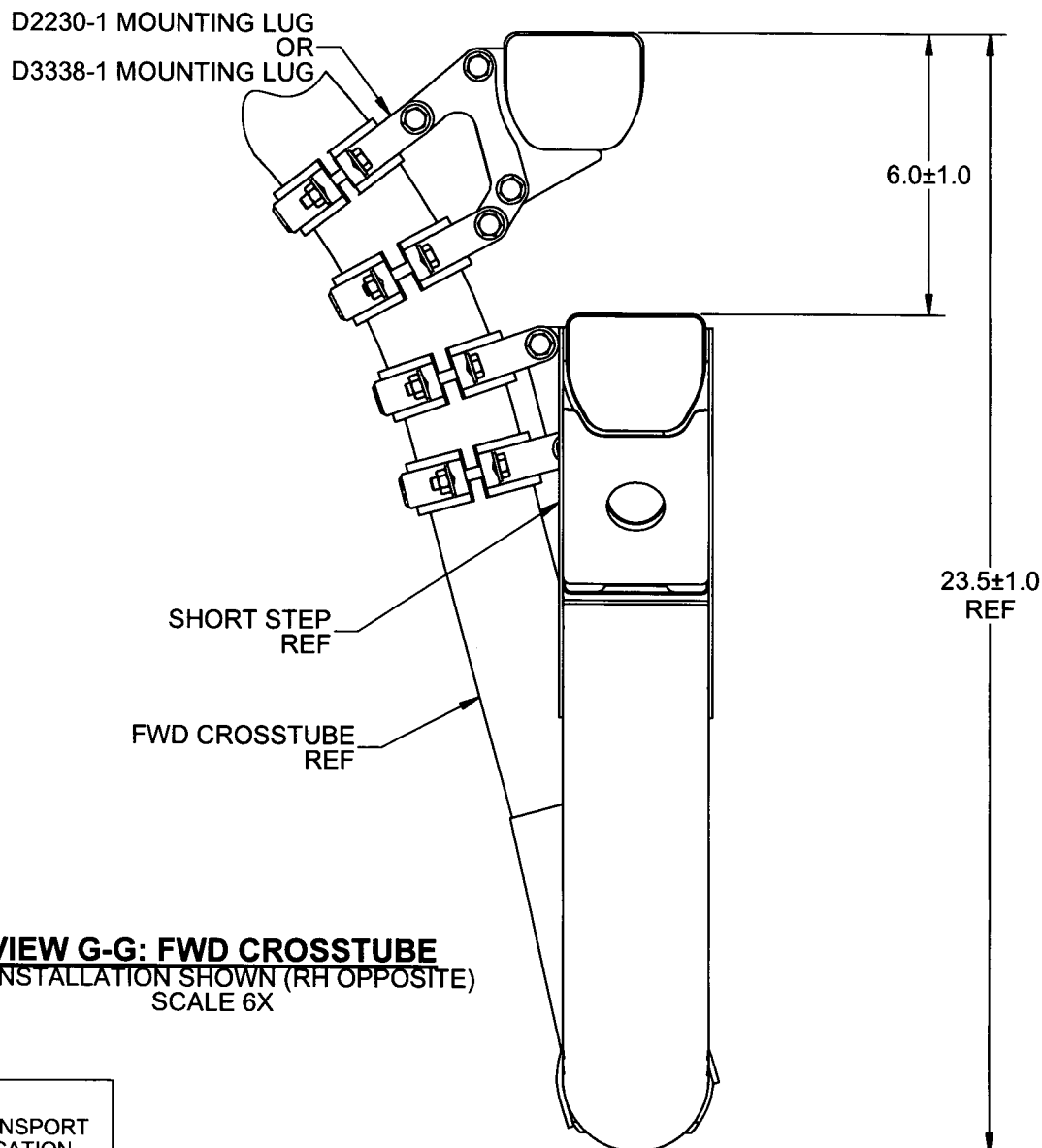
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D. SHEPHERD (DE # 02)

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**D350-591-133 MAINTENANCE STEP**  
LH INSTALLATION SHOWN (RH OPPOSITE)



**VIEW G-G: FWD CROSSTUBE**  
LH INSTALLATION SHOWN (RH OPPOSITE)  
SCALE 6X

**REF. FIGURE 11 / 32-11 of D350-591 / ICA-D350-591**  
Maintenance Step

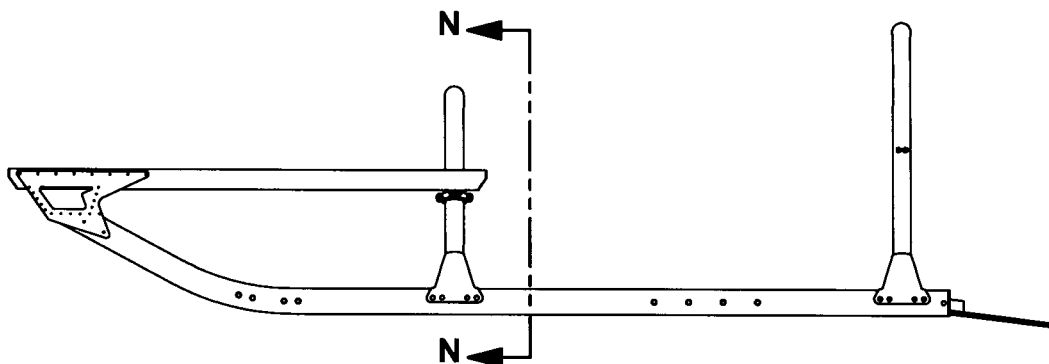
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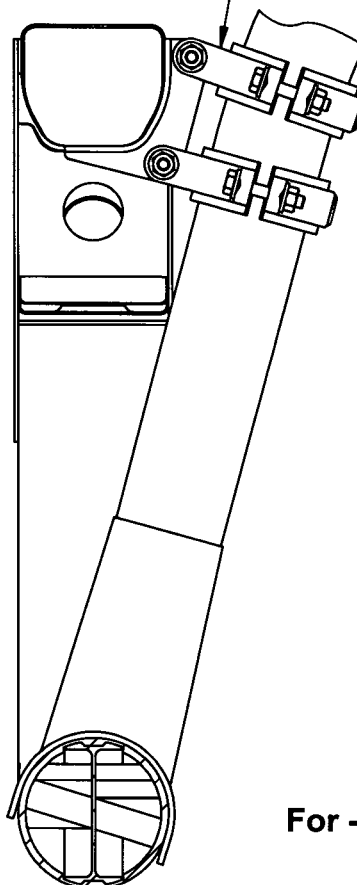
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**REF. FIGURE 13 / 32-13 of D350-591 / ICA-D350-591**

D350-591-213 Heli-Access-Step, Short Step - High Skid, LH (shown)  
D350-591-214 Heli-Access-Step, Short Step - High Skid, RH (opposite)

D2230-1 MOUNTING LUG  
OR  
D3338-1 MOUNTING LUG



**SECTION N-N**  
**For -213/-214 Steps only**  
SCALE 6X

**REF. FIGURE 19 / 32-19 of D350-591 / ICA-D350-591**

Crosstube Attachment

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